

PTO/SB/05 (4/98)

Please type a plus sign (+) inside this box + Approved for use through 09/30/2000. OMB 0651-0032.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attomey Docket No. 500.38034X00 First Inventor or Application Identifier Nobuyuki AIHARA

POWER SUPPLY

Express Mail Label No.

APPLICATION ELEMENTS	Assistant Commissioner for Patents A ADDRESS TO: Box Patent Application			
See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Box Patent Application Washington, DC 20231			
1. X * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. Microfiche Computer Program (Appendix)			
2. X Specification [Total Pages 27]	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
- Descriptive title of the Invention	a. Computer Readable Copy			
<ul> <li>Cross References to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>	b. Paper Copy (identical to computer copy)			
- Reference to Microfiche Appendix	c. Statement verifying identity of above copies			
- Background of the Invention	ACCOMPANYING APPLICATION PARTS			
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>	7. X Assignment Papers (cover sheet & document(s))			
- Detailed Description	8. X 37 C.F.R.§3.73(b) Statement X Power of Attorney			
- Claim(s)	9. English Translation Document (if applicable)			
- Abstract of the Disclosure	Information Disclosure Copies of IDS			
3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6]	Statement (IDS)/PTO-1449 Citations			
4. Oath or Declaration [Total Pages 2]	11. Preliminary Amendment Return Receipt Postcard (MPEP 503)			
a. X Newly executed (original or copy)	12. X (Should be specifically itemized)			
b. Copy from a prior application (37 C.F.R. § 1.63 (for continuation/divisional with Box 16 completed)	Statement filed in prior application			
i. <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting	Statement(s) Status still proper and desired  (PTO/SB/09-12) Status still proper and desired  Certified Copy of Priority Document(s)			
inventor(s) named in the prior application	n, 14. X (if foreign priority is claimed)			
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b)  **NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTIT				
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).				
16. If a CONTINUING APPLICATION, check appropriate box, and	supply the requisite information below and in a preliminary amendment:			
Continuation Divisional Continuation-in-part				
Prior application information: Examiner	Group / Art Unit: e of the prior application, from which an oath or declaration is supplied			
under Box 4b, is considered a part of the disclosure of the accompa	nying continuation or divisional application and is hereby incorporated by			
	n has been inadvertently omitted from the submitted application parts.			
17. CORRESPONDENCE ADDRESS				
Customer Number of Bar Code Laber	or Correspondence address below ttach bar code label here)			
Mana				
Name				
Address				
City State	Zip Code			
Country Telephone	Fax			
Name (Print/Type) Malyin Krais	Registration No. (Attorney/Agent) 22,466			

12-22-99 Date Signature Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (12/98)
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## FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL	<b>AMOUNT</b>	OF	<b>PAYMENT</b>
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(\$)	800	.00
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Complete if Known			
Application Number			
Filing Date	December 22, 1999		
First Named Inventor	Nobuyuki AIHARA		
<b>Examiner Name</b>			
Group / Art Unit			
Attorney Docket No.	500 38034X00		

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit	3. ADDITIONAL FEES  Large Entity Small Entity Fee Fee Fee Fee Code (\$) Fee Description	Fee Paid		
Account 01-2135	105 130 205 65 Surcharge-late filing fee or oath	0.00		
Number Deposit Account Antonelli, Terry, Stout&Kraus, LLP.	127 50 227 25 Surcharge-late provisional filing fee or cover sheet.	0.00		
Name V Charge Any Additional	139 130 139 130 Non-English specification	0.00		
Fee Required Under	147 2,520 147 2,520 For filing a request for reexamination	0.00		
37 CFR 1.16 and 1.17	112 920* 112 920* Requesting publication of SIR prior to Examiner action	0.00		
2. X Payment Enclosed: X Check Money Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	0.00		
FEE CALCULATION	115 110 215 55 Extension for reply within first month	0.00		
	116 380 216 190 Extension for reply within second month	0.00		
1. BASIC FILING FEE Large Entity Small Entity	117 870 217 435 Extension for reply within third month	0.00		
Fee Fee Fee Fee Description Fee Paid	118 1,360 218 680 Extension for reply within fourth month	0.00		
Code (\$) Code (\$)	128 1,850 228 925 Extension for reply within fifth month	0.00		
101 760 201 380 Utility filing fee 760.00	119 300 219 150 Notice of Appeal	0.00		
107 480 207 240 Plantfiling fee	120 300 220 150 Filing a brief in support of an appeal	0.00		
108 760 208 380 Reissue filing fee	121 260 221 130 Request for oral hearing	0.00		
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceedir	g 0.00		
	140 110 240 55 Petition to revive - unavoidable	0.00		
SUBTOTAL (1) (\$) 760.00	141 1,210 241 605 Petition to revive - unintentional	0.00		
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	0.00		
Fee from Ex <u>tra</u> Claimsbelow	143 430 243 215 Design issue fee	0.00		
Total Claims 18 -20** = 0 X 18.00 = 0.00	144 580 244 290 Plantissuefee	0.00		
Independent 2 - 3** = 0	122 130 122 130 Petitions to the Commissioner	0.00		
Multiple Dependent = 0.00	123 50 123 50 Petitions related to provisional application			
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure St	nt		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	581 40 581 40 Recording each patent assignment per	0.00		
Code (\$) Code (\$)	property (times number of properties)	40.00		
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3	146 760 246 380 Filing a submission after final rejection (37 CFR 1.129(a))	0.00		
104 260 204 130 Multiple dependent claim, if not paid	149 760 249 380 Foreach additional invention to be examined (37 CFR 1.129(b))	0.00		
109 78 209 39 **Reissue indenpendent claims over original patent	Other fee (specify)	0.00		
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Otherfee (specify)	0.00		
SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00				

SUBMITTED BY	Υ			Complete (if	applicable)
Typed or Printed Name	Melvin Krans			Reg. Number	22,466
Signature	Ma la keus	Date	12-22-99	Deposit Account User ID	01-2135

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